

Form PTO-1449 (Modified)

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Atty. Docket No.
1789-02202Serial No.
09/670,230

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant
Andrew R. BarronFiling Date
September 28, 2000Group
1731

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CF	AA	Anderson et al., <i>Titania and Alumina Ceramic Membranes</i> , Journal of Membrane Science, 39 (1988) pp. 243-258
CF	AB	Baltus, <i>Characterization of the Pore Area Distribution in Porous Membranes Using Transport Measurements</i> , Journal of Membrane Science, 123 (1997) pp. 165-184
CF	AC	Furneaux et al., <i>The Formation of Controlled-porosity Membranes from Anodically Oxidized Aluminum</i> , Nature Vol. 337, January 12, 1989 (pp. 147-149)
CF	AD	Kim et al., <i>Hydraulic and Surface Characteristics of Membranes with Parallel Cylindrical Pores</i> , Journal of Membrane Science, 123 (1997) pp. 303-314
CF	AE	Vries et al., <i>Thermal Stability and its Improvement of the Alumina Membrane Top-layers Prepared by Sol-gel Methods</i> , Journal of Materials Science, 26 (1991) pp. 715-720
CF	AF	Michalske et al., <i>Strength and Toughness of Continuous-Alumina-Fiber-Reinforced Glass-Matrix Composites</i> , Journal of American Ceramic Society, Vol. 71, No. 9 pp. 725-731 (1988)
CF	AG	Nogami, <i>Sol-gel Preparation of SiO₂ Glasses Containing Al₂O₃ or ZrO₂</i> , Journal of Non-Crystalline Solids 178 (1994) pp. 320-326
CF	AH	Okubo et al., <i>Preparation of γ-alumina Thin Membrane by Sol-gel Processing and its Characterization by Gas Permeation</i> , Journal of Materials Science 25 (1990) pp. 4822-4827
CF	AI	Rezgui et al., <i>Control of Magnesia-alumina Properties by Acetic Acid in Sol-gel Synthesis</i> , Journal of Non-Crystalline Solids 210 (1997) pp. 287-297
CF	AJ	Shelleman et al., <i>Alpha Alumina Transformation in Seeded Boehmite Gels</i> , Journal of Non-Crystalline Solids 82 (19986) pp. 277-285
CF	AK	Wilson et al., <i>The Porosity of Aluminum Oxide Phases Derived from Well-Crystallized Boehmite: Correlated Electron Microscope, Adsorption, and Porosimetry Studies</i> , Journal of Colloid and Interface Science, Vol. 82, No. 2, August 1981 (pp. 507-517)
CF	AL	Yoldas, <i>Alumina Gels that Form Porous Transparent Al₂O₃</i> , Journal of Material Science
CF	AM	Adkins, <i>The Selective Activation of Alumina for Decarboxylation or for Dehydration</i> , Selective Activation of Alumina pp. 2175-2186
CF	AN	Courtright, <i>Engineering Property Limitations of Structural Ceramics and Ceramic Composites Above 1600°C</i> , Ceramic Engineering Science Proc. 12(9-10) pp. 1725-1744 (1991)
CF	AO	Elaloui et al., <i>Influence of the Sol-Gel Processing Method on the Structure and the Porous Texture of Nondoped Aluminas</i> , Journal of Catalysis 166, pp. 340-346 (1997)
CF	AP	Sirkar, <i>New Membrane Materials and Processes for Separation</i> , Published by American Institute of Chemical Engineers, 1988
CF	AQ	Kareiva et al., <i>Carboxylate-Substituted Alumoxanes as Processable Precursors to Transition Metal-Aluminum and Lanthanide-Aluminum Mixed-Metal Oxides: Atomic Scale Mixing via a New Transmetalation Reaction</i> , Chemistry of Materials Vol. 8, Number 9, pp. 2331-2340
CF	AR	Kingery et al., <i>Introduction to Ceramics</i> Wiley-Interscience Publication, 1960
	AS	[REDACTED]
CF	AT	Lao et al., <i>Microporous Inorganic Membranes: Preparation by the Sol-gel Process and Characterization of Unsupported Composite Membranes of Alumina and Polyoxoaluminum Pillard Montmorillonite</i> , Journal of Materials Science Letters 13 (1994) pp. 895-897
CF	AU	Low et al., <i>Synthesis and Properties of Spodumene-modified Mullite Ceramics formed by Sol-gel Processing</i> , Journal of Materials Science Letters 16 (1997) pp. 982-984
CF	AV	Nikolic et al., <i>Alumina Strengthening by Silica Sol-gel Coating</i> , Thin Solid Films 295 (1997) pp. 101-103
CF	AW	Rezgui et al., <i>Chemistry of Sol-Gel Synthesis of Aluminum Oxides with in Situ Water Formation: Control of the Morphology and Texture</i> , Chem Mater (1994) 6, pp. 2390-2397
CF	AX	Serna et al., <i>Division S-9 --- Sole Mineralogy</i> , Soil Sci. Soc. Am. Journal, Vol. 41 (1997) pp. 1009-1013
CF	AY	Yoldas, <i>Alumina Gels that Form Porous Transparent Al₂O₃</i> , Journal of Materials Science 10 (1975) pp. 1856-1860
	AZ	Zaspalis et al., <i>Synthesis and Characterization of Primary Alumina, Titania and Binary Membranes</i> , Journal of Materials Science 27 (1992) pp. 1023-1035

EXAMINER

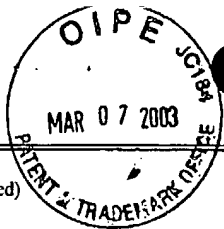
DATE CONSIDERED

3/6/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

118297.01/1789.02202

* Reference AS was previously cited (see office action of 5/19/03)



Form PTO-1449 (Modified)		Atty. Docket No. 1789-02202	Serial No. 09/670,230
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Andrew R. Barron et al.	
		Filing Date 09/28/00	Group 1731
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Andrew R. Barron et al.	
		Filing Date 09/28/00	Group 1731
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
CF	AW	Y. Koide, et al; <i>Alumoxanes as Cocatalysts in the Palladium-Catalyzed Copolymerization of Carbon Monoxide and Ethylene: Genesis of a Structure-Activity Relationship</i> ; Organometallics, vol. 15, No. 9. (pp. 2213-2226)	
CF	AX	A. MacInnes, et al; <i>Chemical Vapor Deposition of Gallium Sulfide: Phase Control by Molecular Design</i> ; American Chemical society, 1993; (pp. 1344-1351)	
CF	AY	R. S. Bauer, <i>Epoxy Resins</i> , American Chemical Society, 1985 (15 p.)	
CF	AZ	C. Landry, et al; <i>Siloxy-Substituted Alumoxanes: Synthesis from Polydialkylsiloxanes and Trimethylaluminum, and Application as Aluminosilicate Precursors</i> ; J. Mater. Chem. 1993; (pp. 597 - 6020)	
CF	BA	K. Andrian o , et al; <i>Synthesis of New Polymers with Inorganic Chains of Molecules</i> ; Journal of Polymer science, Vol. XXX, 1958 (pp. 513-524)	
CF	BB	G. Whiteside e , et al; Articles; <i>Molecular Self-Assembly and Nanochemistry: A chemical Strategy for the Synthesis of Nanostructures</i> ; Science, Vol. 254, November 1991; (pp. 1312 - 1319)	
CF	BC	B. Yoldas; <i>Alumina Gels that Form Porous Transparent Al₂O₃</i> Journal of Materials Science 1975; (pp. 1856-1860)	
CF	BD	Malcolm P. Stevens, <i>Polymer Chemistry, An Introduction</i> , Oxford University Press, 1990 (9 p.)	
CF	BE	A. Kareiva, et al; <i>Carboxylate-Substituted Alumoxanes as Processable Precursors to Transition Metal-Aluminum and Lanthanide-Aluminum Mixed-metal Oxides: Atomic Scale Mixing via a New Transmetalation Reactio</i> ; American Chemical Society 1996 (pp. 2231-2340) <i>XP</i>	
		R. Cantauer, <i>Aqueous synthesis of Water-Soluble Alumoxanes</i>, American Chemical Society 1994 (pp. 2231-2340)	
CF	BG	C. Vogelson, et al; <i>Inorganic-Organic Hybrid and Composite Materials Using Carboxylate-Alumoxanes</i> ; World Ceramics Congress, June 14-19, 1998; (pp. 499 - 506)	
CF	BH	J. M. G. Cowie, Professor of Chemistry, University of Stirling, <i>Polymers: Chemistry and Physics of Modern Materials</i> , Intertext Books, (13 p.)	
CF	BI	Thermal Conductivity of Epoxy resin-Aluminium (0 to 50%); and Diavalent Chromium in Alkaline Earth Silicate Systems; Chapman and Hall Ltd.; 1977; (pp.1689 - 1691)	
CF	BJ	H. Schmidt et al., <i>Inorganic-Organic Hybrid Coatings for Metal and Glass Surfaces</i> , American Chemical Society 1995 (pp. 331-347)	
* Reference BF has been lined through because it is a duplicate of reference AE on the 3/11/03 PTO-1449. Also the copy of the BF reference furnished is incomplete.			
EXAMINER <i>CA F</i>		DATE CONSIDERED <i>5/14/03</i>	
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.			

CHRISTOPHER A. FIORILLA
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